

Editorial

Welcome to Progress in Stem Cell

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Welcome to the new open access journal *Progress in Stem Cell*, edited by Dr. Phuc Van Pham, and Dr. Ngoc Kim Phan, of Vietnam National University, Ho Chi Minh city, Vietnam. *Progress in Stem Cell* (ISSN 2199-4633) is the Open Access journal that acts as a forum for translational research into stem cell therapies. *Progress in Stem Cell* is scientific journal that overlays the study of cancer stem cells, stem cell therapy, stem-cell transplantation, human embryonic stem cells, neural stem cells, murine embryonic stem cells, adult stem cell... *Progress in Stem Cell* is a peer-reviewed journal that focuses on the areas of established and emerging concepts in stem cell research and their assorted disease therapies. It provides an opportunity to share the scientific information among the clinical & medical scientists and researchers. *Progress in Stem Cell* publishes the most complete and reliable source of information on the discoveries and current developments in the mode of editorial, original research, review, commentary, letter in all areas of stem cell from basic research to pre-clinical trials and clinical trials.

Progress in Stem Cell is a sister journal of *Biomedical Research and Therapy* journal published by Laboratory of Stem Cell Research and Application in the last year. While *Biomedical Research and Therapy* cover all areas of biomedical sciences (Van Pham, 2014), *Progress in Stem Cell* will focus on stem cell science.

Why is stem cell research important?

Stem cell science has great potential in the regenerative medicine as well as others such as biology development, pharmacology, agriculture... Stem cell research helps to explain some important mechanisms of reproduction, growth, aging and disease. Stem cell therapy is a promising therapy for degenerative diseases included Huntington disease (Choi et al., 2014a), Parkinson (Bjorklund and Kordower, 2013), Alzheimer disease (Choi et al., 2014b)... alternatively, chronic disease included cardiac failure (Michler, 2014), diabetes (Calne et al., 2013), osteoarthritis (Jorgensen, 2013)...

In fact, stem cells hold wonderful characteristics included self-renewal that can maintain the proliferation for a

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long time and differentiation that can produce specialized cells. To date, stem cells successfully isolated from a lot of different sources in the human body as well as the placenta and umbilical cord. Recently, pluripotent stem cells can be produced by reprogramming of adult somatic cells (Takahashi and Yamanaka, 2006). With this technique, stem cell research is added by powerful tool for stem cell production and modification.

After more than 20 years that human embryonic stem cell was successfully isolated and cultured by James Thomson stem cells have studied and applied in a wide range of medicine (Thomson et al., 1998). Stem cell can be used as drugs in disease treatments such as autoimmune disease (Zheng et al., 2013), osteoarthritis (Van Pham et al., 2014), diabetes mellitus (Viswanathan and Sarang, 2013), non-healing ulcer (Tran et al., 2014)... Stem cell also used in stem cell gene therapy to correct some gene mutations, or in tissue engineering.

More interesting, stem cells based drugs have been approved by FDA in some countries such as Prochymal (Canada), HemaCord (USA), Ducord (USA), Cartistem (Korea)...

Publish with *Progress in Stem Cell*

Progress in Stem Cell will publish almost of article types included research articles, commentaries, corrections, editorials, letters, and reviews. All manuscripts must be gone to double-blind peer-review process. The first decision after submitting is 1-2 weeks. All manuscripts will be check plagiarism by the crosscheck and grammarly software.

We have been delighted by the support of Springer International Publisher. *Progress in Stem Cell* is hosted by Global Science Journal (GSJ), Springer. GSJ uses the same technology of Springer to publish an international journal. With Springer technology, all articles will weekly be updated as Springerlink ensuring that they are always state of the art, optimize for maximum findability by internet Search Engine algorithms.

Moreover, from first issue journal will be sent for evaluation at popular databases included SCOPUS, EMBASE, Chemical Abstracts Service (CAS), Google Scholar, DOAJ, ISI, PubMed/Medline, Pubmed Central.

We welcome your contributions

Progress in Stem Cell will provide a new platform for translational research into stem cell therapy. The Editors-in-Chief, supported by a global Editorial Board, are committed to making this journal a success, and we look forward to receiving your contributions. We hope, too, that it will inspire you to send us your next manuscript and choose

Progress in Stem Cell as the host for your publications.

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